

ABSTRACT

A system for separating a composite fluid into component parts thereof, including: a centrifuge having a rotor with a separation space and at least two valve members disposed thereon and a container set having a separation container adapted to be disposed in the separation space of the rotor and first and second collection containers connected to the separation container by a first and a second tubes. The tubes are adapted to be disposed in operative relationship with the valve members so that flow through the tubes may be controlled thereby. Three components of the composite fluid may be separated therefrom by the present system and two components may be moved to the collection containers. The container set may further include a third collection container connected to the separation container by a tube, and a third component may thus be moved to this third container.